

Oak Ridge Rites Held For Joseph B. Riordan

Personnel Employee's Active Life Stilled

The plant was recently saddened by the death of Joseph B. Riordan, superintendent in the personnel department. He died Thursday, January 2.

Mr. Riordan came to Y-12 February 1, 1960 after employment at the Oak Ridge Gaseous Diffusion Plant. He came there January 4, 1945, and served in various capacities in training, employment, and edited the Carbide Courier for four years at ORGDP.



J. Riordan

Born in Evansville, Indiana, he held a BA degree from Evansville College. He also took graduate studies at Indiana University and the University of Tennessee. At the time of his death, Mr. Riordan was an instructor in the Industrial Management division of the University of Tennessee.

Active in civic, fraternal and church circles, he is a former president of St. Mary's School of Association, former president of Appalachian Industrial Editors' Association, and a former board member of the Junior Chamber of Commerce. He served on the city of Oak Ridge's Personnel Advisory Board, and edited several fraternal organization publications. He also served as regional correspondent for the Knoxville News-Sentinel.

Surviving are his wife Mrs. Mary Elizabeth Riordan, 191 Manhattan Avenue; and children, Carolyn, Kathy, Steve, Ricky, David, Ann, Gene, Tony and Laura. His mother, Mrs. Mary Elizabeth Riordan, Evansville, also survives; along with his sisters Missess Clare, Polly and Kathryn Riordan; Mrs. Ann Engle, all of Evansville; Mrs. Betty Nix, Poseyville, Indiana; Mrs. Margaret Morris, Des Plaines, Illinois; and brothers James, Evansville; George, Portland, Oregon; John, Palm Beach, Florida; Daniel and Gene, Evansville; Bob Riordan, Knoxville; Dick, Texas; Carroll, St. Louis, Missouri; and Pat Riordan, Evansville.

Funeral services were held Saturday, January 4, at St. Mary's Catholic Church with the Reverend Thomas Woodley officiating. Committal followed in Anderson Memorial Gardens. The family requested that any memorials be in the form of contributions to the East Tennessee Heart Association.

Sincere sympathy is extended to Mr. Riordan's family.

Really Americans!

A refugee couple, after much red tape and years of study, finally received their final citizenship papers. The husband rushed into the kitchen shouting the good news, "Anna! Anna! At last, we're Americans!"

"Fine," answered Anna, "now you do the dishes."



William H. Fleischman

Bill Fleischman Gets Masters At Tennessee

Fellow Employees Used In Research

Christmas came early for Engineering Mechanics' Bill Fleischman . . . on December 19, as a matter of fact. Fleischman earned his Master's Degree in Industrial Management at the University of Tennessee on that day.

It was through no charity of Saint Nick, however, that brought the early Christmas gift. Hard work and long hours best describe earning a graduate degree while still working full-time.

The young engineer held a BS degree in mechanical engineering from Johns Hopkins University, Baltimore, when he came to Y-12 June 9, 1958. He had worked at the Oak Ridge Gaseous Diffusion Plant earlier in his career. Before entering Johns Hopkins he attended the Baltimore Polytechnic Institute.

He had done graduate work at UT in the study of advanced strength of materials. Fleischman was a member of the National Honor Society and Pi Tau Sigma, honorary fraternity in school.

Research Involved Y-12ers

His master's thesis had as its subject "A Study of Statement Preferences," and research on the theme involved some 300 fellow workers in Y-12.

"To every person who answered my questionnaire, to the Safety Department who rendered help above and beyond the call of duty, and to countless others, I am deeply grateful," Fleischman stated last week. "I wish it were possible to thank everybody personally. I only hope that if someone else does research among Y-12ers they get the same splendid cooperation that I received at all times."

Lives In Oak Ridge

Fleischman, a native of Baltimore, resides at 313 Virginia Road, Oak Ridge. He is married to the former Lenora Hetzner. They have two daughters Gaye and Lynn.

A staunch fan of the Carbide Education Assistance Program, Fleischman says it is often the "gig" that is needed to encourage a body to go on and do graduate work. "At least it removes the excuse that you don't have the money to take further education," he stated.

VANISHING TENNESSEAN

The elk, once a common animal in these parts, was last seen in Tennessee in 1865.

IEEE Meeting Is Set Tomorrow In Ridge

Propulsion Expert Will Talk On Outer Space

The Oak Ridge Section of the Institute of Electrical and Electronics Engineers will meet tomorrow, Thursday, January 9, in the Ridge Recreation Hall. The meeting is scheduled to begin at 7:30 p.m.

The speaker will be H. W. Szymanowski, manager of the electrical propulsion department of the Westinghouse Astronuclear Laboratory, Pittsburgh, Pennsylvania. He will speak on "Electrical Propulsion in Outer Space Missions." Szymanowski was educated at Oundle School in England and Vienna University, Austria. During World War II he served in the Royal Air Force as an instructor in basic electrical and radio circuitry. After the war he was with the Foreign Office in London, and was in charge of disarmament of the Krupp Works and advisor on the disarmament of the Hermann Goering Works. He also had charge of the re-planning and layout of the Krupp factory for peacetime production. Since 1953 he has worked at Curtiss-Wright Corporation, Wright Aeronautical Division on advanced instrumentation problems and has held his present position with the Astronuclear Laboratory for the past year.

Some of the points Szymanowski will cover in his talk are: What are the electrical engine types presently being developed? Why are such engines being considered for space travel? How do these engines work and what are their problem areas? When do we intend to use these engines?

Members and guests are welcome at the January meeting of IEEE.

Credit Union Sets January 30 For Meet

The all-important annual meeting of the Y-12 Credit Union is scheduled for Thursday, January 30, at 7:30 p.m. It will be held in the Green Room of the Ridge Recreation Hall.

The treasurer's report will be submitted at the meeting. A complete report of board and committees will be published and mailed to all members after the meeting.

Every member is welcomed at this annual meeting. New board members and committee chairmen are to be named at the session.

ASTME Meets Tomorrow, Oak Ridge Country Club

The Knoxville-Oak Ridge Section of the American Society of Tool and Manufacturing Engineers will meet tomorrow, Thursday, January 9, at the Oak Ridge Country Club. (The time was erroneously reported in the last Bulletin.)

The dinner meeting will be highlighted by a discussion on the "Ferranti Numerical Control Systems." Dinner will begin at 7 p.m. with the technical session set for 8 p.m. Dr. C. E. Larson is the coffee speaker.



THE NEW QUARTER'S slogan contest, sponsored by the Safety Department, offers the above fancy prizes to the best three entries . . . a golf cart, a Scotch Kooler, and a picnic stove, barbecue set. The contest closes March 31. That's Ann Hill, Research Services, so prettily modeling the awards.

Safety Opens Year With New Slogan Contest For 1st Quarter

The Safety Department announces a new slogan contest for the new quarter of the new year. Emphasis is placed on the "slogan" part of the contest. This particular race requires no pencil sketch, no art work . . . just a slogan which is adaptable to a poster.

All Y-12 employees, and members of their families are eligible to enter the slogan race.

Full play is given as to theme or subject matter. Seasonal slogans are acceptable, but not necessary.

The current race will extend through January, February and March and closes on March 31.

Prizes to be awarded include a golf cart, a Scotch Kooler, and a picnic stove, barbecue set, pictured above.

All slogan entries should be forwarded to the Safety Department, Building 9704-2. They become Safety's property and cannot be returned. Safety also reserves the right to modify the

slogan after judging and before use. The staff in the Safety Department will act as judges in the contest.

Meanwhile, judging has been done for the three months' period ending December 31. First winners in the quarterly contest will be announced shortly in the Bulletin.

Safety is also underscoring the fact that the current quarterly contest is for June-July-August quarter, even though it is being held in the first quarter. Therefore, any seasonal play should be made around the summer months. A record number of entries were received in last quarter's contest, many of them on the wrong seasonal note. Remember, if you're going to make a seasonal play . . . get the right season!

Get that entry in . . . it's free . . . effortless and offers an opportunity to take home some handsome prizes.

Friday Is Deadline For Badge Exchange

New blue-bordered badges will remain in the self-service racks until 11 p.m. Friday, January 10. If you're still wearing your old yellow badge after that time, you'll have to go to Badge and Pass, Building 9704-2, to exchange your badge.

No old badges will be recognized at the portals after Friday's 11 p.m. deadline.

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The Bulletin

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CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor



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An even dozen Y-12ers join the select 20-year veterans group this week. As the new year begins, another legion join the 10-year honor roll. Congratulations.

20 YEARS

Rella O. Davis, Janitor's Department, January 7.

Artie Tankersley, Traffic, January 10.

Edgar Gillespie, Process Maintenance, January 10.

Harry M. Montgomery, Process Maintenance, January 10.

Henry Jones, Buildings, Grounds and Maintenance Shops, January 10.

Charles F. Piper, Production Analysis, January 10.

Leonard R. Bledsoe, Research Services, January 12.

Carl F. Pirkle, Buildings, Grounds and Maintenance Shops, January 12.

Elizabeth Patrick, Production Analysis, January 13.

Thomas H. Miller, Alloy Shop, January 13.

George W. Mitchel, Superintendents' Division, January 13.

James F. Baker, Research Services, January 14.

10 YEARS

Preston G. Hatmaker, Beta Four Heavy Machine Shop, January 8.

Leevie C. Vann, Research Services, January 8.

Nolan Parrott, General Metal Fabrication Shop, January 8.

Herman Dyer, Assembly Operations, January 10.

Marion L. Pendley, Secondary Quality Control, January 11.

Russell L. Coffey, Secondary Quality Control, January 11.

Otis R. Garmon, Machine Maintenance, January 11.

Roy J. Hardy, Dimensional Inspection, January 11.

Phillip J. Bertin, Chemical Department, January 11.

Steve M. Pintur, Machine Maintenance, January 11.

Louis F. Otten, Graphite Shop, January 11.

Melvin J. Talley, Buildings, Grounds and Maintenance Shops, January 11.

James L. Garner, Buildings, Grounds and Maintenance Shops, January 11.

William P. Smith, Dispatching, January 11.

Hubert V. Tripp, Research Services, January 12.

Bobbie G. Roe, Area Five Maintenance, January 12.

William T. Chapman, Assembly Operations, January 13.

William S. Helms, General Machine Shop, January 14.

Joseph A. Jackson, Receiving, January 14.

There is no holiday for security.



Well, the holidays are over . . . at least for a while. (For the statistically-minded persons . . . the next one is Friday, February 21, in lieu of the 22, which is Washington's birthday. As a matter of fact, all are on Friday or Monday this year, save Thanksgiving . . . and it comes on Thursday, naturally. That means some long weekends in store for Y-12ers for a change.)

News, for a change, begins in

MECHANICAL OPERATIONS



Tammy and Timmy

Big news in the division is the arrival of twins at the C. A. Stanaland household. Born December 7, Timmy Jay and Tammy Jo are shown a few hours after their birth. The Stanalands live in Knoxville at 1505 Maple Drive. He is in Assembly Operations. The girl weighed six pounds, eight and three-quarter ounces, and the boy weighed five pounds, 14 and one-half ounces. (That's the girl with her mouth shut, which is an oddity indeed!)

In the General Machine Shop it's told that **E. E. Burns** took Christmas week as a vacation . . . going to Kingsport, Tennessee to help his seven brothers and sisters celebrate his parents Golden Wedding Anniversary. Also helping Mr. and Mrs. John Burns, Damascus, Virginia, celebrate the big day were four generations of the Burns family.



Lori Emmert (then)



Lori (now)

Back in the dark, dim days of

1959 the first picture of little Lori Emmert was run. Just to show readers that babies do grow into pretty young ladies, the second photograph is seen of Lori, now age four. Lori's grand-pop **F. J. Kilpatrick**, Mechanical Maintenance, 'lows that San Francisco is a mighty fur piece for a grand-baby to live at. Her parents are Mr. and Mrs. Bobby Emmert, who recently presented Lori with a little sister.

ENGINEERING

In Engineering Mechanics a rocking chair was presented **Charlie Morris** in commemoration of his generosity and kindness throughout the year. Made by **Roy McKnight**, the chair was given with the express hope that he have many years of pleasurable rocking.

The chair was meant for Charlie's new den, but Mildred, his wife, down in Beta Four, says it may end up in the bedroom.



'Ole Rockin' Chair Seems To Have Charlie, For Sure

SHIFT SUPERINTENDENTS AND UTILITIES

Somehow this missile got messed up in Christmas mail and did not run two weeks ago . . . but here goes, hoping that some of it is still news.

Get well wishes were extended to **G. M. Kirtland**, in Fort Sanders Hospital.

J. R. DeMonbrun and family spent the holidays in Louisville, Kentucky . . . combining holidays and vacations . . . **W. S. Everett** vacationed in middle Tennessee, visiting Mrs. Everett's father who is ill. They expected to be home for Christmas, then motor on down to Florida.

Other vacationers included **M. G. Crouch**, **J. W. Fox**, **E. F. Sosby**, **K. E. Caughron**, **L. Walker**, and **A. M. Foster**.

INDUSTRIAL RELATIONS

Last week of the year vacationers in the Fire and Guard Departments included **B. F. Robinett**, **C. A. Wilson**, **S. L. Ray**, **S. E. Murphy**, **J. T. Byrum**, **A. D. Tucker**, **O. C. Beatty** and **B. D. Hicks**.

Vacationing this week is **H. J. Ballew**.

Best wishes to **R. L. Fain** and **W. R. Proffitt**, off ill.

'S no use pretending . . . we're getting old . . . WE HATE SNOW!



EXAMINING THE LENS on the Camera Club's enlarger are Y-12ers Bill Harper and Charlie Bradford. The Carbide Camera Club is open to any employee who has the photo-bug . . . or interest in photography at all. There's a lot to learn in the entertaining sessions put on by the Club.

Carbide Camera Club Open To All Interested Employees

The Carbide Camera Club will celebrate its 20th anniversary sometime this year. (Old-timers are not sure when the club began operations in 1944). It has been in continuous operation since that time.

The Club provides a meeting ground for the exchange of information and ideas by people interested in photography as a hobby. It provides equipment and facilities for such meetings and for photographic work, particularly equipment which it might not be economically feasible for an individual photographer to own.

Dark Room Facilities

The Camera Club, in cooperation with the Recreation Departments of the three Oak Ridge plants, provides a dark room complete with enlarger, developing facilities, dryer, and all necessary equipment for beginning or advance dark room work. Only film, paper, and chemicals are not furnished. Individual lockers are provided for storage of these pieces of equipment for each club member.

The Club meets the second Tuesday in each month, at its office in Cheyenne Hall. (January's

meeting is set for next Tuesday, January 14, at 8 p.m. The subject will be Nearby and Close-Ups . . . Camera-to-subject distance much closer than normal. This is not to be confused with photomicrography.)

Competition Offered

Competition by club members in both black-and-white and color categories are held at almost every meeting. Prizes are merchandise certificates provided by one of the local camera shops. The same store also provides a generous discount on certain items for Camera Club members.

Another interesting activity of the club is the photography school held each Spring. Taught by members, it begins with simple picture taking with a box camera and progresses all the way through the various phases to advanced work including dark room work in both black and white and color.

Open To Employees

Club membership is open to any employee wishing to join. Anyone interested in photography, be he beginner or expert, can profit from club membership. The Camera Club says 'come on in,' the developing 'water is fine!'



Rider wanted from Hicks Circle, Clinton to Bear Creek Portal, straight day. Gary Martin, plant phone 7395, home phone Clinton 457-0304.

Ride wanted from Fountain Park Boulevard, Knoxville, to Central Portal, J Shift. C. M. Cottrell, plant phone 7701, home phone Knoxville 523-6093.

One car pool member wanted from vicinity of Beverly Circle, West Village, Oak Ridge, to North or Central Portal, straight day. Earl W. McDaniel, plant phone 7-8845, home phone Oak Ridge 483-0633.

And How Many Have You Caught Today?

A man in a mental institution sat fishing over a flower bed. A visitor, passing, decided to be nice to the patient. "How many have you caught?" he asked.

"You're the ninth," was the reply.

Welding Society Has Nickel Expert

The Northeast Tennessee Section of the American Welding Society will meet next Tuesday, January 14, at the Alexander Hotel, Oak Ridge. The dinner meeting will begin with a social hour at 6:30, and the technical session is set for 8.

Featured speaker will be **Ken H. Spicer**, senior technical representative with the Huntington Alloy Products Division of the International Nickel Company. His topic "Latest Developments in the Welding of Nickel and High Nickel Alloys" will deal in past developments as well as those anticipated in the future. A review of these developments and advances, and their relationship to the joining of nickel-bearing materials will be discussed.

All members are urged to bring guests to this meeting which should be of great interest to welders, engineers and metallurgists.

Then there's the educational toy out this Christmas, made for a child in today's world. Any way he puts it together is wrong!



MOTHER NATURE DECORATED a tree of her own at the Carbide Christmas Party for Kids, on Monday, December 23. In the upper left photo, part of the tons of snow that hampered many children from attending the annual gala affair. Several did brave the snows, however, and joy reigned, as usual, at the festive fair. Many children

are seen in various shots above as they greeted old Santa, or as they watched the funny chimp act with Erik Adams. (The act was 48 hours on the road to make the Oak Ridge appointment . . . but despite the snow . . . the show must go on!). Apologies to all the parents of the above dolls and brave little boys. We meant to obtain

identification, but it's lucky the photographs got taken at all. The half-filled auditorium stands as a promise . . . next year . . . come on out, kids. There'll be another Christmas, and chances are there'll be other parties as well. Two white Christmases in a row are too much—next year, maybe, next year!

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C League Begins New Action Bowling

Rounders Take First Half Title Barely

The C League for Y-12 bowlers was all set for initial rolling in the second half the night of December 23 . . . until the snows came. (Team captains are advised that the schedule will be followed as is . . . and the December 23 matches will be re-set at the end of the sessions.)

Incidentally, the Rounders took the first half pennant by two points.

Last week's rolling saw the Sunflowers take four from the Five Roses, the Shud-A-Beens over the Big Five, the Strikers over the Hi Lifers, the Lucky Strikes over the Parbusters, and the Rodders over the Hookers, all by the big count. The Rounders took three from the Screwballs.

Arnold Tiller, Rounders, posted high on the boards at his first crack of the new season, rolling singles of 255 scratch, 269 handicap . . . series of 672 scratch and 714 handicap. His Rounders came close to sweeping the week's honors also. They rolled singles of 1024 scratch, 1114 handicap, and series scratch of 2831. The Lucky Strikes took handicap series highs with 3112.

League standings follow:

Team	W	L
Sunflowers	4	0
Shud-A-Beens	4	0
Strikers	4	0
Lucky Strikes	4	0
Rodders	4	0
Rounders	3	1
Screwballs	1	3
Parbusters	0	4
Big Five	0	4
Hi Lifers	0	4
Hookers	0	4
Five Roses	0	4

Sneaky Editor!

A fellow Carbide editor, Joe White, Carbide Kentuckian, recently celebrated his 20th anniversary with Union Carbide Corporation. He obviously ran a 20-year old picture of himself. What a sneaky way for a man to use the editorial prerogative!

Pintwisters Cinch Crown In E League

Even though they lost four points last week to the Pintwisters, the Four Squares put a cinch on the title for the E League first half of bowling. Second-placed Ten Pins lost three to the Cannonballs. The Pinquins took four points from the Alley Bees.

Highs for the week in singles went to W. Burrell, Cannonballs, who rolled games of 199 scratch and 241 handicap. R. Rector, Pinquins, took series highs, posting a 531 scratch, 660 total. The Pinquins swept the team boards for the week, taking singles of 646 scratch, 812 handicap; and series of 1866 scratch and 2364 handicap.

League standings follow:

Team	W	L
Four Squares	37	19
Ten Pins	32	24
Pintwisters	28	28
Alley Bees	26	30
Pinquins	23	33
Cannonballs	22	34

Instrument Society Is Meeting Tonight

The Oak Ridge section of the Instrument Society of America will meet tonight, January 8, at 8 p.m. in the Green Room of the Ridge Recreation Hall, Oak Ridge. That's tonight, Wednesday, January 8.

T. V. Blalock and E. J. Kennedy, Oak Ridge National Laboratory employees, will speak on "The Application of Field Effect Transistors."

All ISA members and guests are welcome at the January meeting.

Last Call Issued For Badminton Players

Sportsmen in Y-12 are reminded that Friday, January 10 is the deadline for entering the Badminton League. Anyone interested should call Recreation, extension 7109 and get your name in the pot. Action is set to begin soon.

Turtles Move Up On Bush Leaders

Final Roll This Week To Decide Champions

The Turtles moved up in the Bush League bowling last week by virtue of their four-point win over the Hi Balls. The Dry Hides also took the Outcasts for four. Three point wins went to the Rollmasters over the 66 Raiders and the Rollniks over the Beavers. The Rusty Five and Seven Sixties split two points.

Fred Fox, Rusty Five, took high singles with 230 scratch, 246 handicap. His 613 scratch series was high for the week also. R. F. Jones, 66 Raiders, took high series handicap scores with 665.

The Rusty Five took high scratch counts with 920 singles and 2508 series. The Turtles crawled into high handicap honors with a 1058 single, 3015 total.

League standings follow:

Team	W	L
Rusty Five	23	5
Turtles	21	7
Seven Sixties	16	12
Dry Hides	16	12
Rollmasters	15	13
Hi Balls	12	16
Outcasts	12	16
66 Raiders	11	17
Rollniks	8	20
Beavers	6	22

Basketball Games Shy During Snows

Independents Lead Pack, No Losses

Only two games made the Basketball League record books, of late, thanks to holidays and the snows.

On December 30 the Independents (ORNL) took a forfeit win from their fellow plantmen, the Cell Four gang.

The ORGDP All Stars swamped the Analytical Chemistry, ORNL, team by a one-sided score of 84 to 28.

The All Stars' Henderson led the boards with a 25 tally, while Roberts scored 13 and Cox 11. Mike led the losing team with nine. After a slow first quarter the All Stars got started and then there was no stopping them. Every player got in the scoring and four got into double figures. The winning team won 24 free throws, just four shy of Analytical Chemistry's total effort!

League standings follow:

Team	W	L
Independents, ORNL	3	0
All Stars, ORGDP	2	0
Rebels, Y-12	2	1
Atoms, Y-12	1	1
Fearless Five, ORNL	1	1
Peons, Y-12	1	1
Analytical Chemistry, ORNL	1	2
Cell Four, ORNL	0	4

Ed Bailey Is Champ Pistol Hand In Loop

Final scores in the 1963 Y-12 Pistol League show Ed Bailey leading the pack, with Dave Alford, T. E. Hudson and L. A. Shular following close behind. New firings for the 1964 league began last Thursday, January 2 . . . and will be held on consecutive Thursdays at 7:30 p.m. at the Anderson County Gun Club. New pistolers are welcome in the league. More information may be obtained by calling W. A. Less, telephone 7507.

FINAL SCORES

Firer	Scratch	H'cap
L. A. Shular	230.4	287.727
G. W. Martin	246.0	285.602
V. D. Holt	215.4	286.725
D. R. Alford	273.1	288.448
T. Swindell	237.0	284.595
W. A. Gregor	179.3	286.324
C. V. Terry	204.0	286.961
T. E. Hudson	203.1	288.842
E. W. Bailey	257.1	288.175
R. Matheny	252.3	286.606
W. A. Less	235.5	287.570

ACS Meet Tomorrow Is Ladies' Night

The Analytical Group of the East Tennessee Section of the American Chemical Society begins its 1964 meetings with a Ladies Night program at 8 p.m., tomorrow, Thursday, January 9, at the Alexander Hotel, Oak Ridge.

Robert Hamer, CPA, will speak on "Taxes and Business Practice for the Professional Man."

Refreshments will be served following Hamer's talk. ACS members and guests are urged to attend this interesting meeting.

Bureau Of Standards' Fuller Holds Seminar

The National Bureau of Standards' Everett Fuller will conduct this week's Physics Division Seminar at Oak Ridge National Laboratory. He will discuss "Nuclear Photoeffect in Deformed Nuclei."

The seminar is set for Friday, January 10, at 3:15 p.m. in the East Auditorium of Building 4500.

Marines Have Landed, Situation In Hand!

During World War II a young Army doctor at a remote dispensary in the South Pacific was puzzled about the treatment of one of his patients. Since his facilities were inadequate the doctor radioed the nearest base hospital: "Have case of beriberi. What shall I do?"

The answer was quick and to the point: "Give it to the Marines . . . they'll drink anything!"

Classic Bowlers Open New Season

Rebels, Markers And All Stars Early Leaders

The Classic League among Y-12 bowlers opened their new season December 26, as the Rebels climbed over the Cubs, the Markers over the Screwballs, the Smelters over the Tigers, the Playboys over the Eightballs . . . all by the full count. The Swingsters took the Has Beens for three . . . also the Wasps took the Rippers, the All Stars overwhelmed the Splinters and the Bumpers belted the Wolves.

Jack Spears, Rebels, took high single scratch game on the initial night with a 228. Paul Evans, All Stars, took high handicap single with 246 and high scratch series with 623. Dave Smith, Playboys, had the high handicap series of the night with 672. The Has Beens played high on single scratch game with 929. The Playboys had high handicap singles with 1071. The Rebels won high series with 2665 scratch and 3049 handicap totals.

Last week the second night featured four point wins by the All Stars over the Playboys, the Has Beens over the Eightballs, and the Wolves over the Splinters. Three point wins went to the Rebels over the Smelters, the Markers over the Wasps, the Swingsters over the Bumpers and the Tigers over the Rippers. The Cubs and Screwballs split two points.

Sam Campbell, Cubs, took high singles with a 236 scratch, 262 handicap game. Jack McLendon, Has Beens, posted high in series with 636 scratch and 705 handicap.

The Rippers took high singles with 942 scratch, 1081 handicap . . . while the Has Beens posted high in series count with 2728 scratch and 3130 handicap.

League standings follow:

Team	W	L
Rebels	7	1
Markers	7	1
All Stars	7	1
Swingsters	6	2
Smelters	5	3
Has Beens	5	3
Wolves	5	3
Playboys	4	4
Wasps	4	4
Bumpers	4	4
Tigers	3	5
Rippers	2	6
Cubs	2	6
Screwballs	2	6
Splinters	1	7
Eightballs	0	8

MOTIVATION

When asked by her husband why she cried over the troubles of someone she didn't even know, the wise wife replied: "For the same reason you cheer like crazy when someone you don't know slides safe into second base."



CHARLIE VIAR, 1963's final retiree in Y-12, is seen in the middle photograph, amid all the fishing gear and equipment his fellow employees gave him before his departure Tuesday, December 31.



The 20-year veteran plus is seen in the other photographs surrounded by well-wishers in the General Machine Shop. The retired Viar plans to stay at his 704 West Outer Drive, Oak Ridge, address,



at least for the present. (Machine Shop men, can you find yourself? It should be easier for some . . . they're in both pictures!) A total of 30 Y-12ers retired during the year 1963.